

For efficient and economical sand separation

The grit classifier has been developed for separating quick-settling solid matter from waste water. Incoming wastewater is balanced at the separator basin inlet through a calming cylinder. In the basin solid matter settles into the screw conveyor channel at the base of the basin and then screw discharged into a container for disposal. Water drains from the surface of the basin along a channel for further processing.

Simple, functional technology!

Technical Details

CGC	30	50	80	120
Length (m)	3.6	4.3	5.7	9.0
Width (m)	1.3	1.7	2.2	2.4
Height (m)	1.8	2.2	2.7	4.0
Weight (kg)	400	700	1000	1300
Surface area of basin m ²	1.5	2.2	4.3	7.5
Power of motor (kW)	0.75	1.1	1.5	2.2
Capacity m ³ /h	30	50	80	120

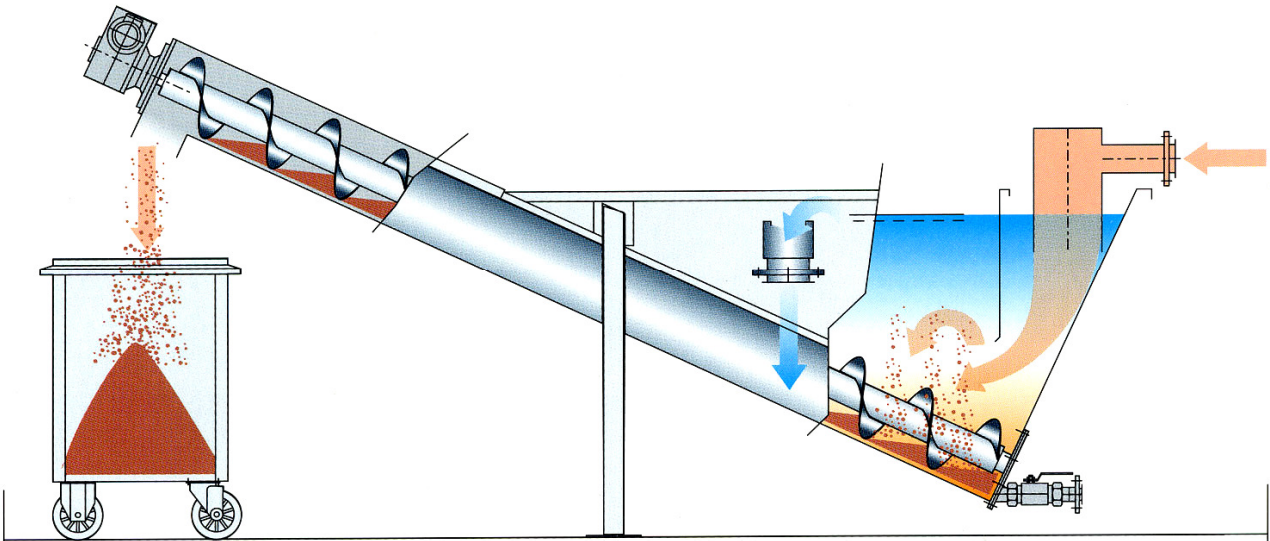
Control and warning devices

The separator gear motor is fitted with a thermal relay. An automatic control centre can be fitted to the grid classifier to order.

Materials

- Automatic control centre
- Basin cover AISI 304 or Al

The basin, channel and screw conveyor can all be manufactured in stainless, acid-resistant steel (AISI 304, AISI 316), or surface-treated steel (Fe37B).



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